

Rebecca Farrington

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

452
citations

1163117

8
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

464
citing authors

#	ARTICLE	IF	CITATIONS
1	A regime diagram for subduction styles from 3-D numerical models of free subduction. <i>Tectonophysics</i> , 2010, 483, 29-45.	2.2	149
2	Cenozoic Tectonics of Western North America Controlled by Evolving Width of Farallon Slab. <i>Science</i> , 2010, 329, 316-319.	12.6	81
3	The role of viscoelasticity in subducting plates. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 4291-4304.	2.5	57
4	A model comparison study of large-scale mantle–lithosphere dynamics driven by subduction. <i>Physics of the Earth and Planetary Interiors</i> , 2008, 171, 224-234.	1.9	43
5	Interactions of 3D mantle flow and continental lithosphere near passive margins. <i>Tectonophysics</i> , 2010, 483, 20-28.	2.2	39
6	UWGeodynamics: A teaching and research tool for numerical geodynamic modelling. <i>Journal of Open Source Software</i> , 2019, 4, 1136.	4.6	24
7	The Fingerprints of Flexure in Slab Seismicity. <i>Tectonics</i> , 2020, 39, e2019TC005894.	2.8	21
8	Underworld2: Python Geodynamics Modelling for Desktop, HPC and Cloud. <i>Journal of Open Source Software</i> , 2020, 5, 1797.	4.6	21
9	The role of long-term rifting history on modes of continental lithosphere extension. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 8917-8940.	3.4	8
10	On the destructive tendencies of cratons. <i>Geology</i> , 2021, 49, 195-200.	4.4	7
11	The Structural Evolution of the North West Shelf: a Thermomechanical Modeling Approach Using Stratified Lithospheric Rheologies and Surface Processes. <i>ASEG Extended Abstracts</i> , 2018, 2018, 1-5.	0.1	1
12	The Bight Basin, Evolution & Prospectivity I: gravity, deep seismic & basin morphology. <i>ASEG Extended Abstracts</i> , 2019, 2019, 1-4.	0.1	1
13	The Bight Basin, evolution and prospectivity II; seismic, structure and balanced sections. <i>ASEG Extended Abstracts</i> , 2019, 2019, 1-5.	0.1	0
14	The Bight Basin, Evolution & Prospectivity III; FE modelling. <i>ASEG Extended Abstracts</i> , 2019, 2019, 1-4.	0.1	0